

FIG. 1

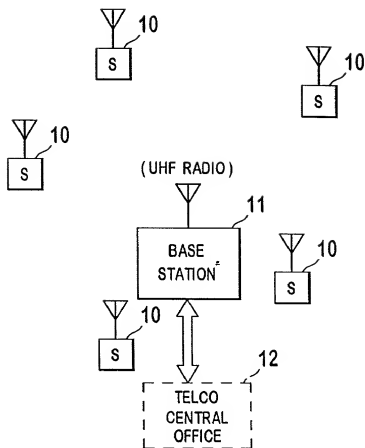
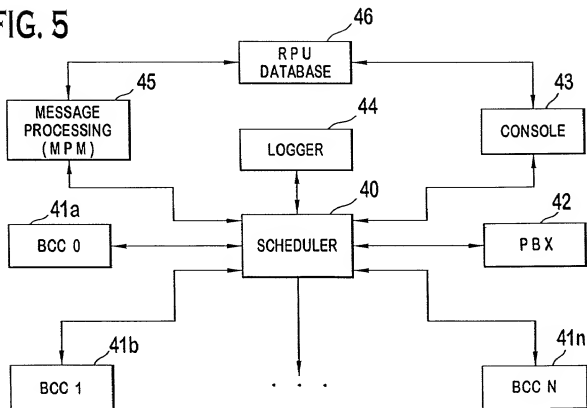


FIG. 5



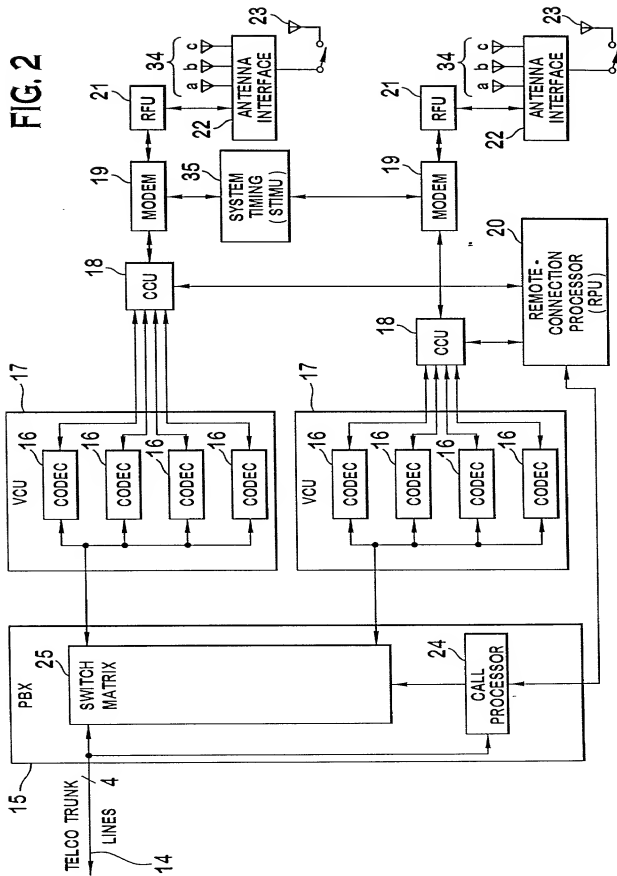


FIG. 3

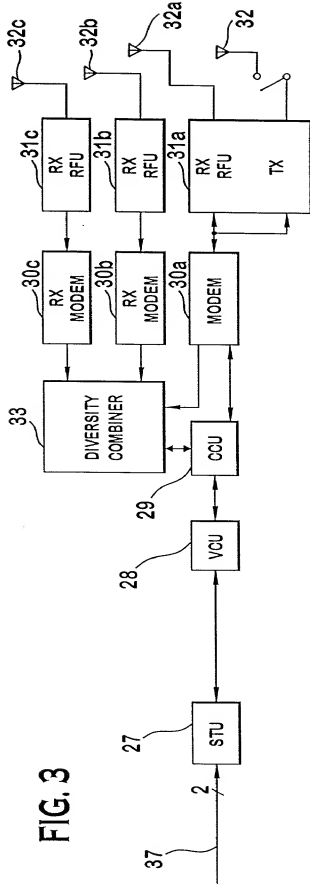


FIG. 25

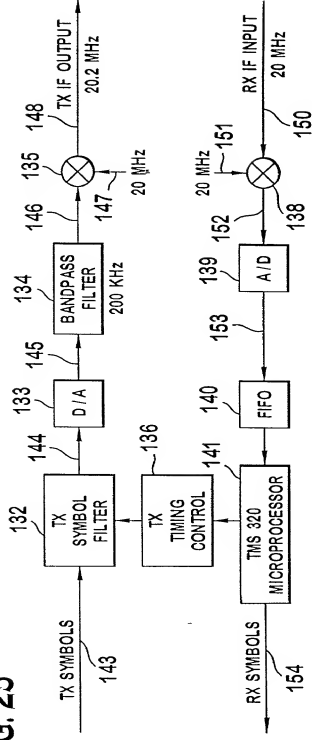
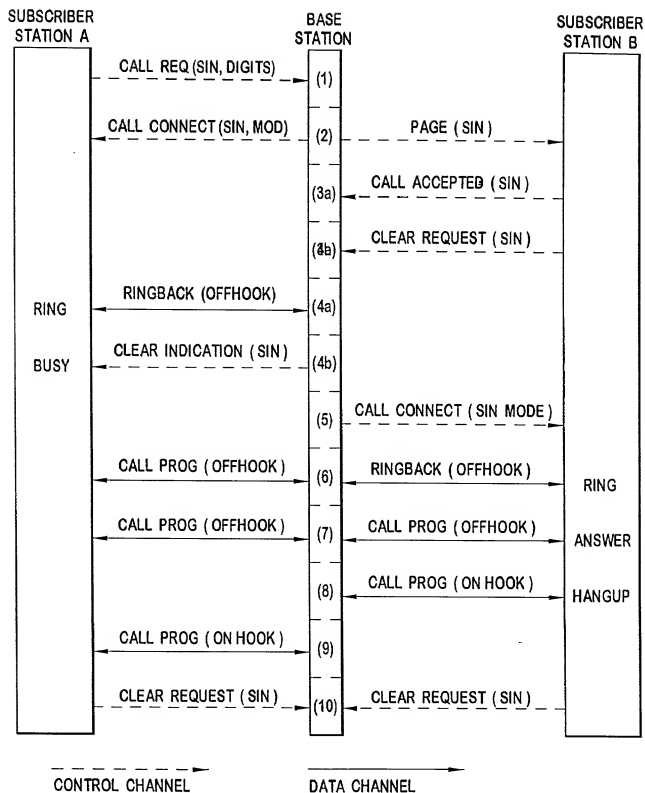


FIG. 4



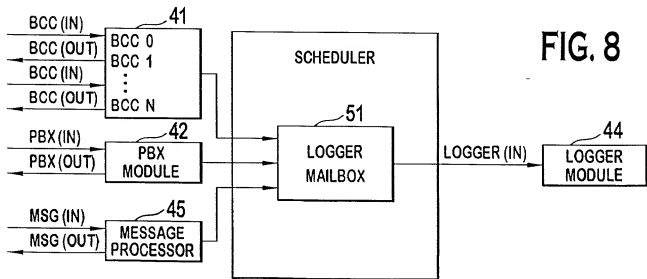
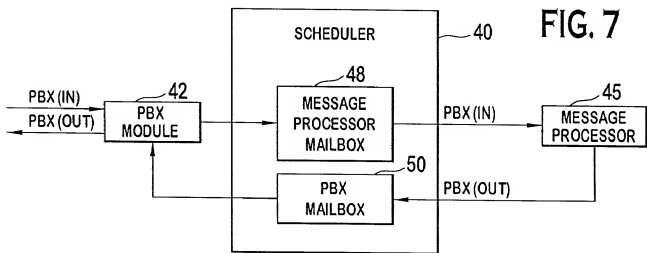
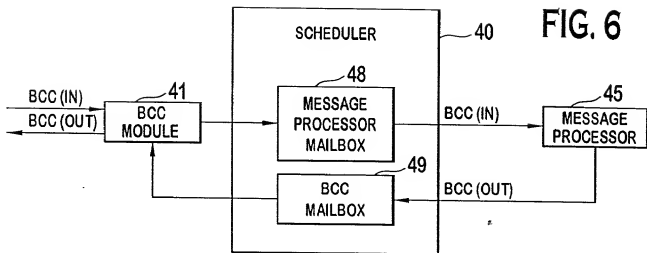


FIG. 9

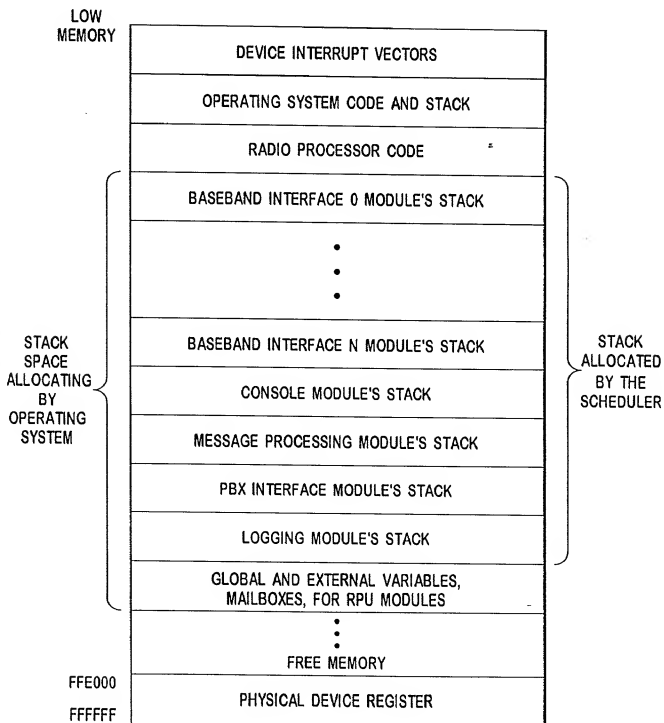
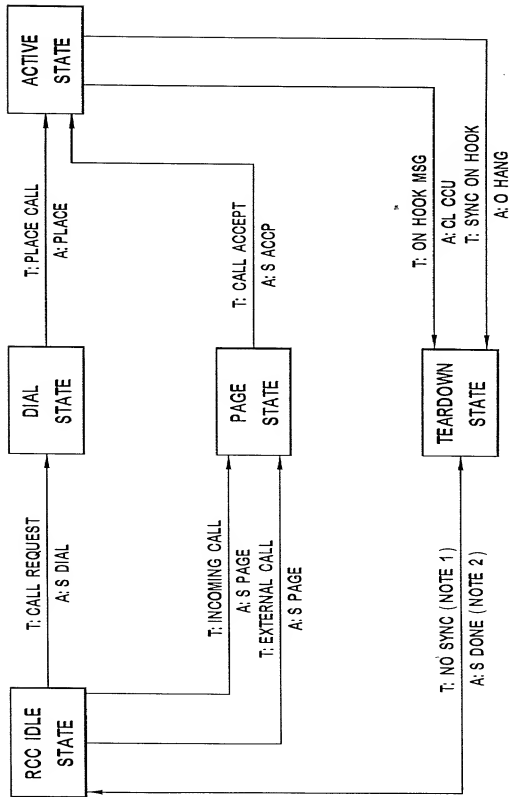


FIG. 10



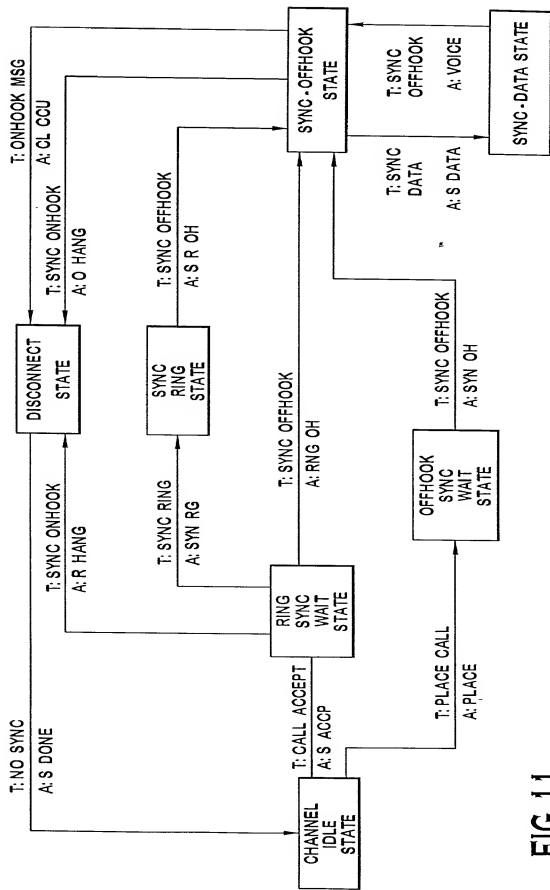
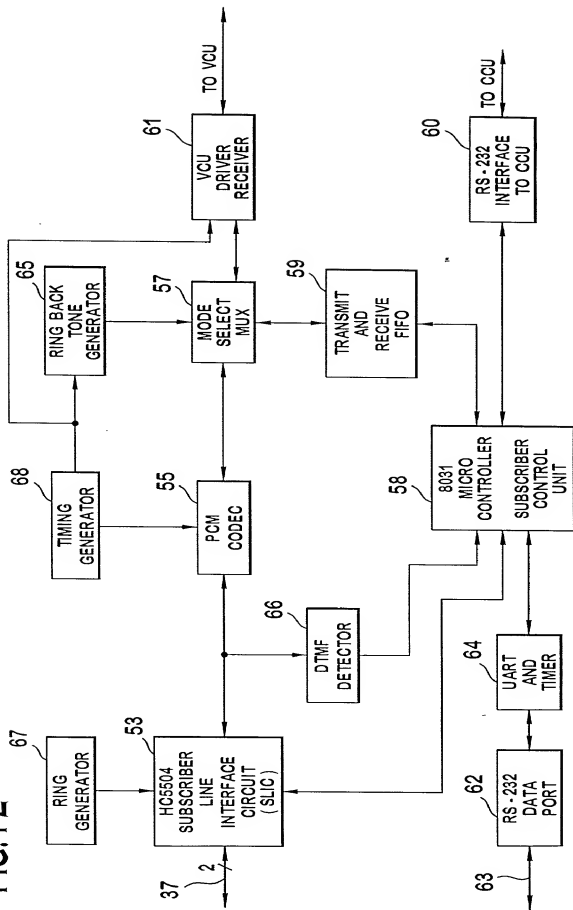


FIG. 11

FIG. 12



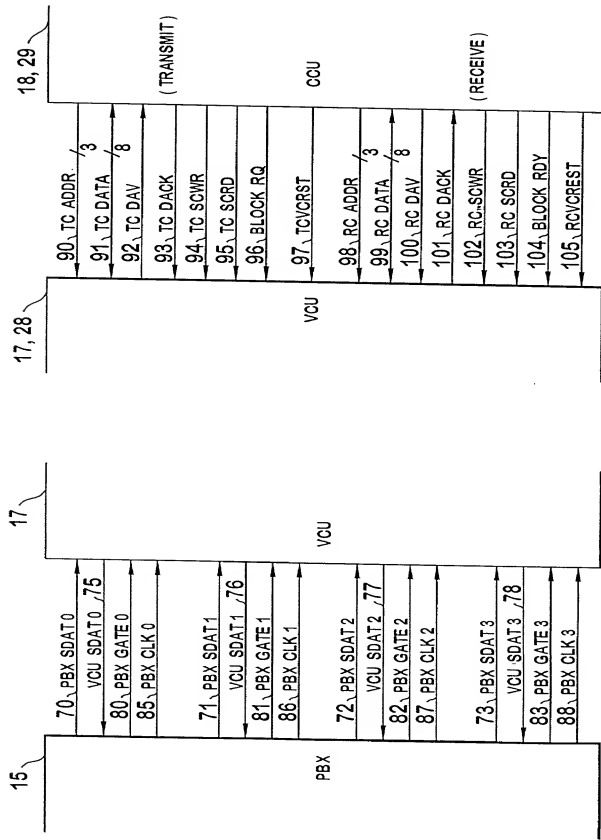


FIG. 16

FIG. 13

FIG. 14

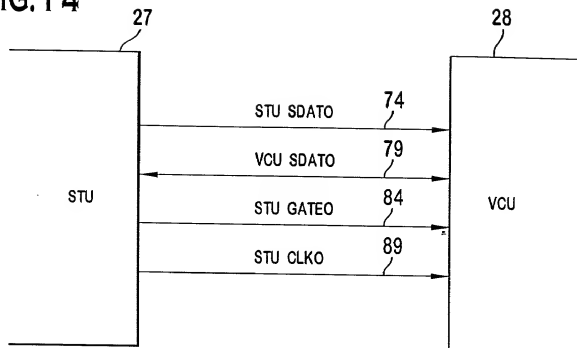


FIG. 21

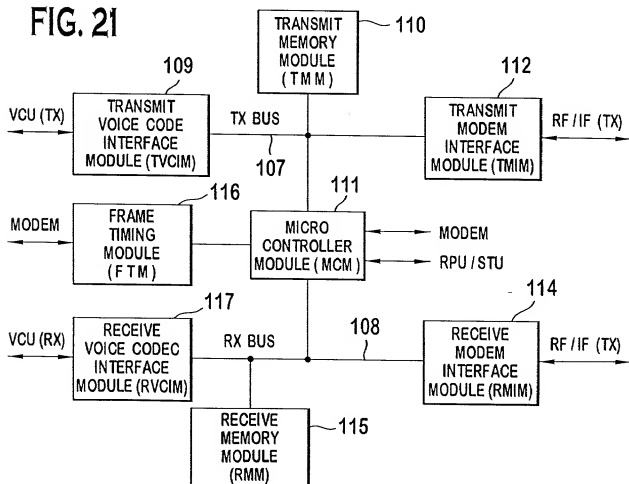


FIG. 15

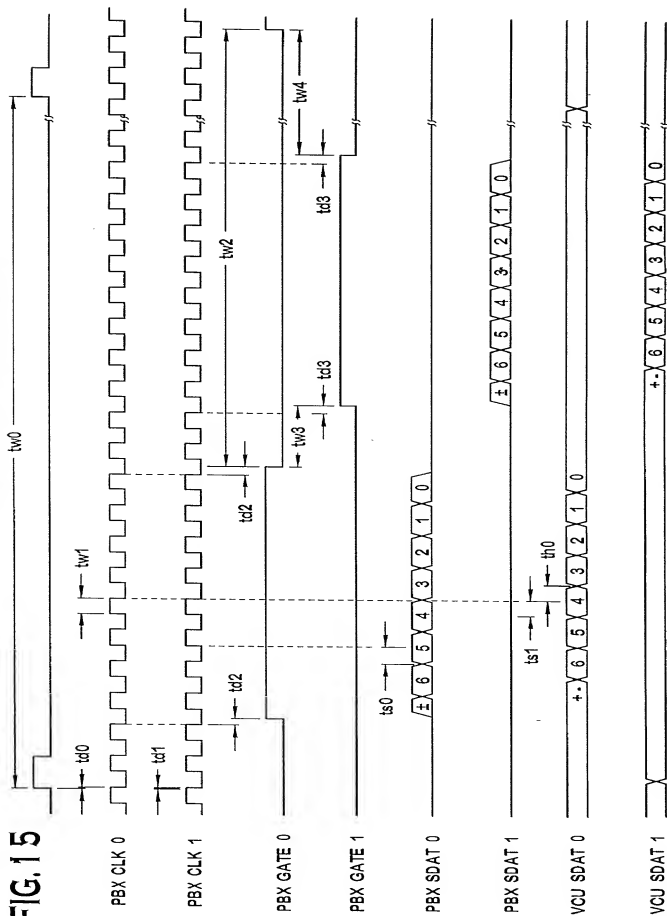


FIG. 17

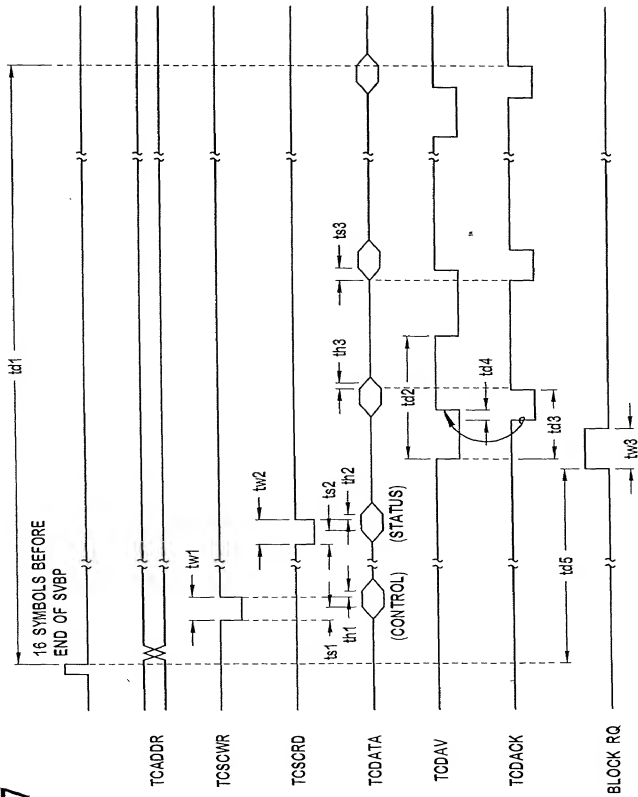
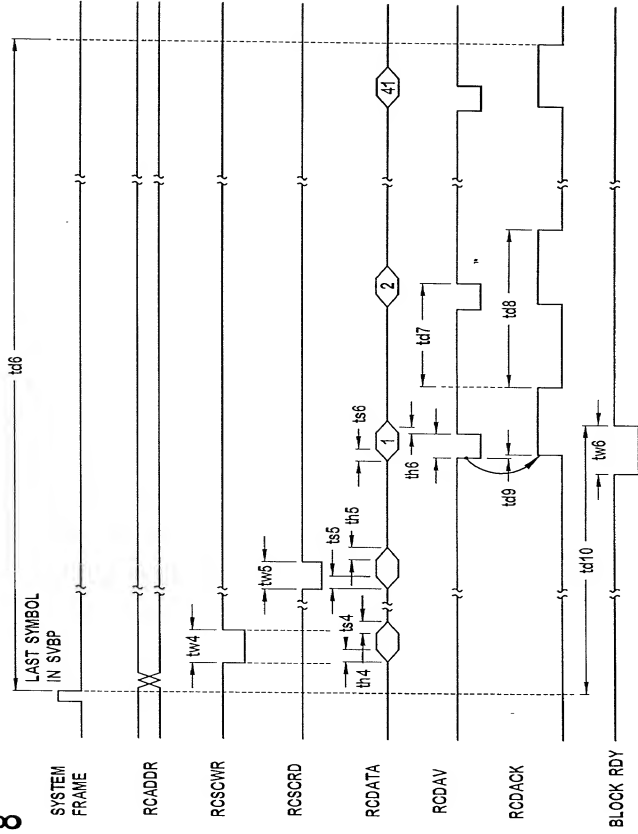


FIG. 18



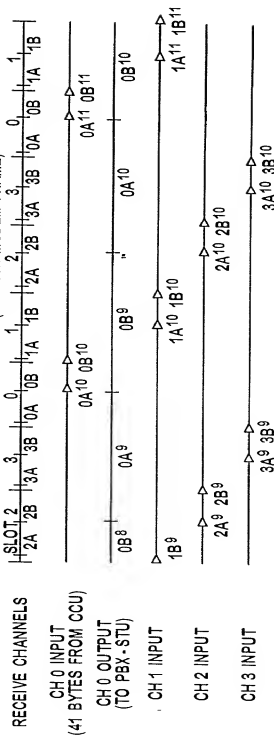
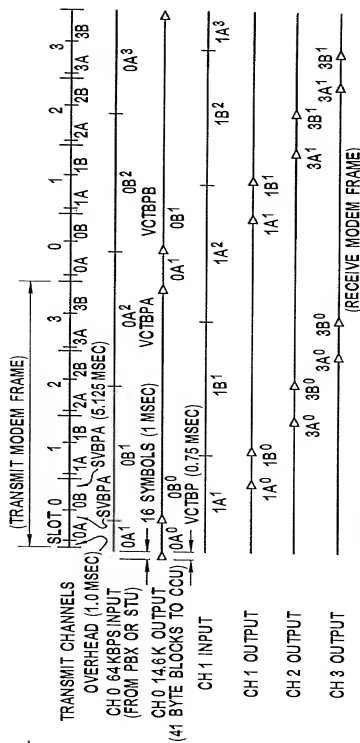


FIG. 20A

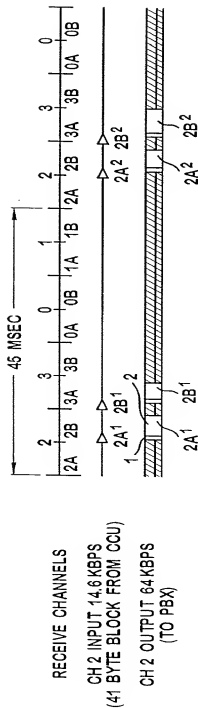
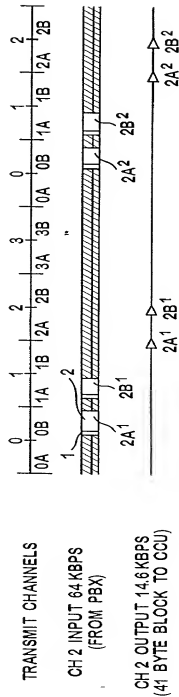


FIG. 20B



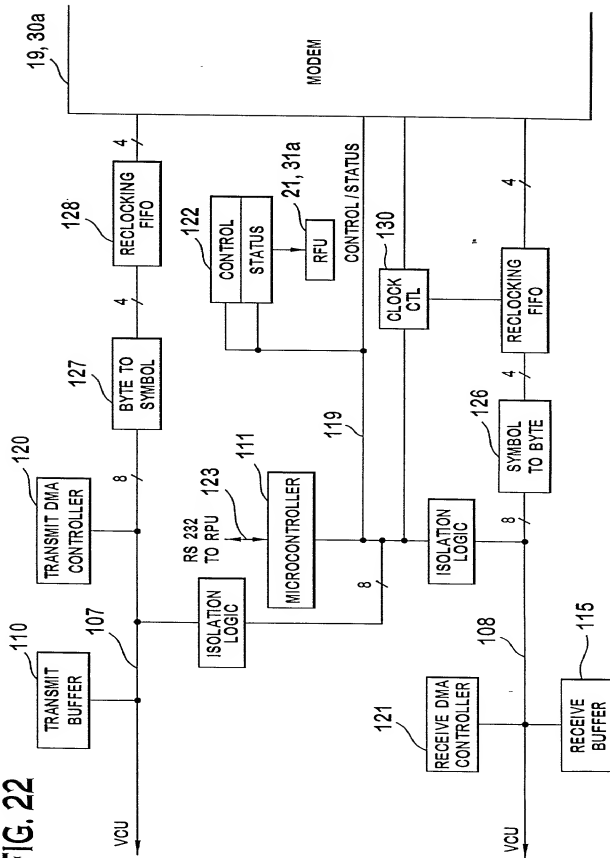
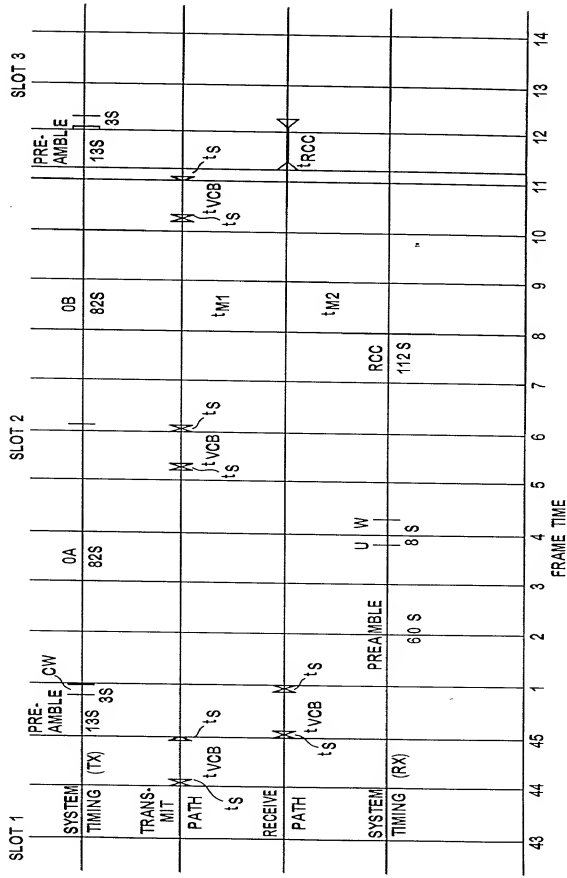
[illegible]

FIG. 24



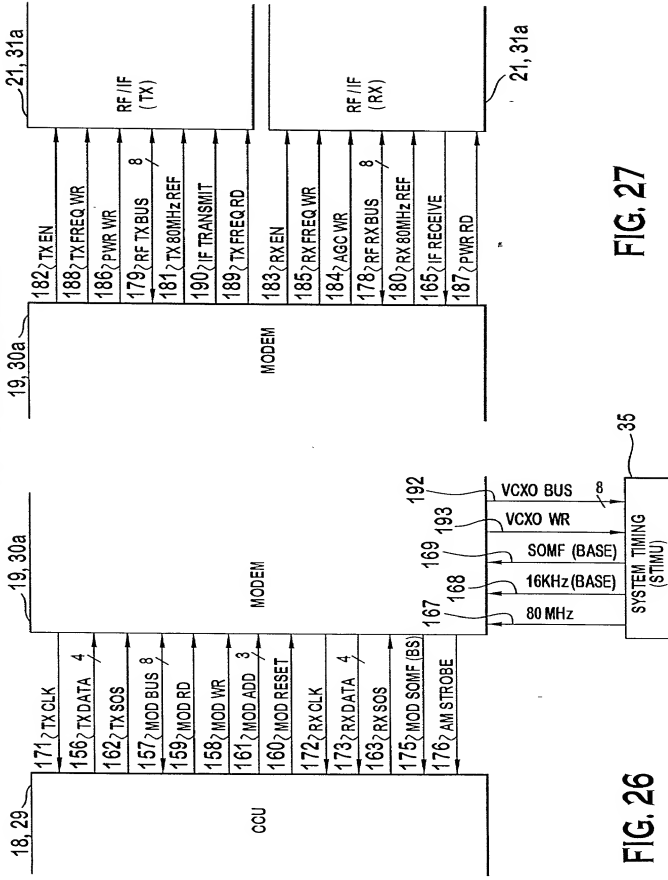


FIG. 27

FIG. 26

STANDARD SUBSCRIBER CONFIGURATION

TX ANTENNA
32

TX ENABLE 197

TX/RX SWITCH 196

POWER AMPLIFIER 193

UP CONVERTOR AND AMPLIFIER 211

TX FREQ SEL 211

POWER CONTROL 194

TX SYNTHESIZER 194

CLK REF SLCT 208-210

IF IN 207

206

208

209

210

207

208

209

210

207

208

209

210

207

208

209

210

207

208

209

210

RX 1 ANTENNA
32a

PRE AMP 200

DOWN CONVERTOR AND AMPLIFIER 198

TX/RX 213

RX FREQ SEL 217

AGC 214

IF OUT 218

CLK REF SLCT 215-216

CHAN SLCT 215-216

TX SYNTHESIZER 199

213

214

218

215

216

213

214

218

215

216

213

214

218

215

216

213

214

218

215

216

DIVERSITY RECEIVERS

RX n (n=2,3) ANTENNA
32b, 32c

PRE AMP 204

DOWN CONVERTOR AND AMPLIFIER 202

TX/RX 217

RX FREQ SEL 217

AGC 214

IF OUT 218

CLK REF SLCT 215-216

CHAN SLCT 215-216

RX SYNTHESIZER 199

217

214

218

215

216

217

214

218

215

216

217

214

218

215

216

217

214

218

215

216

RFU CONTROL LOGIC

TX MODEM 30a

RX 1 MODEM 30b

RX 2 MODEM 30b

RX 3 MODEM 30c

192

30a

30b

30c

192

30a

30b

30c

192

30a

30b

30c

192

30a

30b

30c

192

30a

30b

30c

192

30a

30b

30c

192

30a

FIG. 28

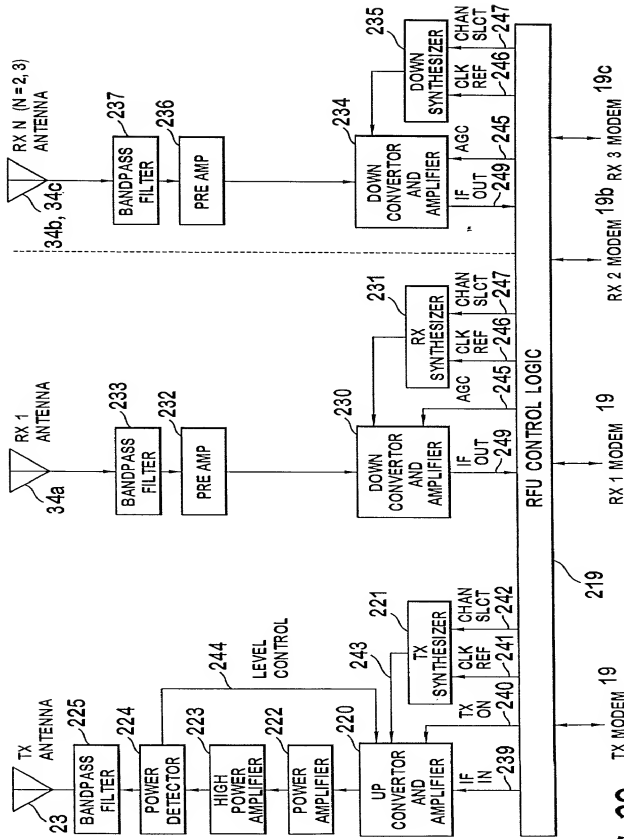


FIG. 29